

Title (en)  
SYSTEM AND METHOD FOR PROVIDING OPTICALLY CODED INFORMATION

Title (de)  
SYSTEM UND VERFAHREN ZUR BEREITSTELLUNG VON OPTISCH CODIERTEN INFORMATIONEN

Title (fr)  
SYSTÈME ET PROCÉDÉ DE FOURNITURE D'INFORMATIONS À CODAGE OPTIQUE

Publication  
**EP 3257172 A1 20171220 (EN)**

Application  
**EP 16748829 A 20160209**

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- IL 2016050148 W 20160209

Abstract (en)  
[origin: WO2016128967A1] An active optical machine-readable tag (i.e. optical tag) is provided that is addressable and readable within a line-of-sight of a reader device, such as a mobile device equipped with a camera, at substantially large distances. A method and a system are provided for an active optical tag and a camera-based reader thereof that facilitate asynchronous communication at data rates that are sufficiently high for practical uses, while reducing the flicker associated with the low-frequency optical carrier to a level hardly noticeable by people. The optical tag may be formed as an array of light emitting elements, arranged in a single dimension (linear) or two dimension (planar) arrangement. The array may be embodied as part of a large display unit.

IPC 8 full level  
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